

Substitute for Form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>					<b>Complete If Known</b>	
					Application Number	
					Filing Date	
					First Named Inventor:	
					Art Unit	
					Stephen W. Smith	
					2829	
					Kobert	
					Attorney Docket Number	
					53470P020D	
<b>U.S. PATENT DOCUMENTS</b>						
Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)				
RL	—	US-	3,609,991	10/5/1971	Chu et al.	—
RL	—	US-	3,714,572	1/30/1973	Ham et al.	—
RL	—	US-	3,882,691	5/13/1975	Baines et al.	—
RL	—	US-	3,946,276	3/23/1976	Braun et al.	—
RL	—	US-	4,044,396	8/23/1977	Haws et al.	—
RL	—	US-	4,104,700	8/1/1978	Hutchison et al.	—
RL	—	US-	4,109,707	8/29/1978	Wilson et al.	—
RL	—	US-	4,138,643	2/6/1979	Beck et al.	—
RL	—	US-	4,399,484	8/16/1983	Mayer	—
RL	—	US-	4,698,728	10/6/1987	Tustaniwskyj et al.	—
RL	—	US-	4,721,996	1/26/1988	Tustaniwskyj et al.	—
RL	—	US-	4,782,290	11/1/1998	Sakai et al.	—
RL	—	US-	4,791,983	12/20/1988	Nicol et al.	—
RL	—	US-	4,809,134	2/25/1989	Tustaniwskyj et al.	—
RL	—	US-	4,860,164	8/22/1989	Kaufman	—

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				

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					Examiner Name	Robert
					Attorney Docket Number	53470P020D
Sheet	2	of		5		
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		Number-Kind Code <sup>2</sup> (if known)				
RL	—	US-	4,865,123	9/12/1989	Kawashima et al.	—
RL	—	US-	4,879,629	11/7/1989	Tustaniwskyj et al.	—
RL	—	US-	4,938,279	7/3/1990	Betker	—
RL	—	US-	4,989,070	1/29/1991	Iversen et al.	—
RL	—	US-	5,048,599	9/17/1991	Tustaniwskyj et al.	—
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RL	—	US-	6,449,741 B1	9/10/2002	Organ et al.	—
		US-				
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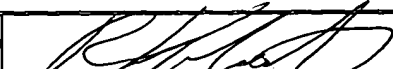
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				Art Unit	2829
				Examiner Name	Robert
Sheet	3	of	5	Attorney Docket Number	53470P020D

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
RK	-	Wojciech Maly, "Current Testing," IEEE, 1990 International Test Conference, p. 257 (1990) (No Month)	/
RK	-	S. Wayne Bolinger and Scott F. Midkiffs, "On Test Generation for IDDQ Testing of Bridging Faults in CMOS Circuits," IEEE, 1991 International Test Conference, pp. 598-607 (1991) (No Month)	/
RK	-	E. Vandris and G. Sobelman, "A Mixed Functional/Iddq Testing Methodology for CMOS Transistor Faults," IEEE, 1991 International Test Conference, pp. 608-614 (1991) (No Month)	/
RK	-	Chun-Hung Chen and Jacob A. Abraham, "High Quality Tests For Switch-Level Circuits Using Current and Logic Test Generation Algorithms," IEEE, 1991 International Test Conference, pp. 615-622 (1991) (No Month)	/
RK	-	Robert C. Aitken, "Fault Location with Current Monitoring," IEEE, 1991 International Test Conference, pp. 623-632 (1991) (No Month)	/
RK	-	Rohit Kapur, Jaehong Park, and M. Ray Mercer, "All Tests For A Fault Not Equally Valuable For Defect Detection," IEEE, 1991 International Test Conference, pp. 762-769 (1991) (No Month)	/
RK	-	Ravi K. Gulati, Weiwei Mao, and Deepak K. Goel, "Detection of "undetectable" faults using IDDQ testing," IEEE, 1992 International Test Conference, pp. 770-775 (1992) (No Month)	/
RK	-	Robert C. Aitken, "A Comparison of Defect Models for Fault Location with Id dq Measurements," IEEE, 1992 International Test Conference, pp. 778-787 (1992) (No Month)	/
RK	-	Yukiya Muira and Kozo Kinoshita, "Circuit Design for Built-in Current Testing," IEEE, 1992 International Test Conference, pp. 873-881 (1992) (No Month)	/
RK	-	R. Rodriguez-Montanes, E.M.J.G. Bruls and J. Figueras, "Bridging Defects Resistance Measurements in a CMOS Process," IEEE, 1992 International Test Conference, pp. 892-899 (1992) (No Month)	/
RK	-	Kenneth M. Wallquist, Alan W. Righter, and Charles F. Hawkins, "A General Purpose IDDQ Measurement Circuit," IEEE, 1993 International Test Conference, pp. 642-651 (1993) (No Month)	/

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RK	-	Jerry M. Soden, Ronald R. Fritzmeier, and Charles F. Hawkins, "Zero Defects or Zero Stuck-At-Faults - CMOS IC Process Improvement, with IDDQ," IEEE, 1990 International Test Conference, pp. 255-256 (1990) (No Month)			✓
RK	-	Keith Baker and Bas Verhelst, "IDDQ Testing Because "Zero Defects Isn't Enough": A Philips Perspective," IEEE, 1990 International Test Conference, pp. 253-254 (1990) (No Month)			✓
RK	-	Steven McEuen, "WHY IDDQ?," IEEE, 1990 International Test Conference, p.252 (1990) (No Month)			✓
RK	-	Charles Crapuchettes, "Testing CMOS on IDD on Large Devices," IEEE 1987 International Test Conference, pp 310-315 (1987) (No Month)			✓
RK	-	Mike Keating and Dennis Meyer, "A New Approach To Dynamic IDD Testing," IEEE 1987 International Test Conference, pp 316-367 (1987) (No Month)			✓
RK	-	Luther K. Horning, Jerry M. Soden, Ron R. Fritzmeier, and Charles F. Hawkins, "Measurements of Quiescent Power Supply Current for CMOS ICs in Production Testing," IEEE 1987 International Test Conference, pp. 300-309 (1987) (No Month)			✓
RK	-	James T. Healy, "New CMOS Designs Demand Different and Radical Test Approaches," Electronic Test, Reprint, 5 pages (December 1985)			✓
RK	-	Hank Hogan, "More Than Toys," High Technology Careers Magazine, Feature Presentation, <a href="http://careerexpo.com/pub/dox197/micromachine197.html">http://careerexpo.com/pub/dox197/micromachine197.html</a> , 3 pages (1996) (No Month)			✓
RK	-	"Micromachine Technology," <a href="http://www.info.hqs.cae.ntt.jp/RD/ACT_act_3/micromachine.html">http://www.info.hqs.cae.ntt.jp/RD/ACT_act_3/micromachine.html</a> , 2 pages (prior to May 16, 2001)			✓
RK	-	LTX MicroMaster Plus Brochure (Prior to May 16, 2001) (USA)			✓
RK	-	LTX ValidMaster Plus Brochure (Prior to May 16, 2001) (USA)			✓

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Attorney Docket Number		Robert			
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RK	—	General Specifications, Class 388 and 283 Relays, <a href="http://magnecraft.com/page29.html">http://magnecraft.com/page29.html</a> , pgs. 1-2 (Wednesday, August 27, 1997)			/
RK	—	"General Purpose Square Base VDE Approved Relay," <a href="http://magnecraft.com/page33.html">http://magnecraft.com/page33.html</a> , pgs. 1-2 (Wednesday, August 27, 1997)			/
RK	—	LTX "Deltamaster Product Description," No. 999-7841-01-01, pp. 1-40 (LTX Corporation November 1992) (USA)			/
RK	—	"Fluorinert Liquid Heat Sink FC-3260," 3M New Product Announcement, January 1989			/
RK	—	Charles Wall, "Liquid Heat Sink Controls Computer Heat Flux," Reprinted from Electronic Packaging & Production (February 1989)			/
RK	—	Howard W. Markstein, "Liquid Cooling Optimizes Heat Transfer," Electronic Packaging and Production, pp. 46-49 (April 1988)			/
RK	—	Richard D. Danielson, Nick Krajewski, and Jerry Brost, "Cooling a Superfast Computer," Electronic Packaging and Production (July 1986)			/
RK	—	Ralph Remsburg, "New Routes to Cooler Electronics," Machine Design, pp. 73-76 (July 11, 1991)			/
RK	—	"Micromachined Relays," Teledyne Electronics and Communications, 1999. <i>(No Month)</i>			—
RK	—	J. Simon, S. Saffer, F. Sherman, and C.-J Kim, "Lateral Polysilicon Microrelays with a Mercury Micro-Drop Contact," pp. 1-15, 1998. <i>(No Month)</i>			—

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